Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_

**Schedule for the Remainder of the Year**

Ms. Ottolini, AP Biology, 2013-2014

**Unit 8: Classical Genetics**

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| **Date** | **Topic** |
| February 18th / 19th | The Basics of Mendelian Genetics |
| February 20th / 21st | Human Genetics |
| February 24th / 25th | Chromosomal Genetics |
| February 26th / 27th | Online Fruit Fly Virtual Lab and Chi Square Analysis  Unit 8 Must Knows |
| February 28th / March 3rd | Unit 8 Test  Classical Genetics Practice Long Response Question and / or Calculations Grid-Ins |

**Unit 9: Molecular Genetics**

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| **Date** | **Topic** |
| March 4th / 5th | DNA History and Structure |
| March 6th / 7th | Converting Gene to Protein and Mutations |
| March 10th / 11th | Viral and Bacterial Genetics |
| March 12th / 13th | Unit 9 Must Knows |
| March 14th / 17th | Unit 9 Test  Molecular Genetics Practice Long Response Question and / or Calculations Grid-Ins |

**Unit 10: Gene Regulation and Biotechnology**

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| **Date** | **Topic** |
| March 18th / 19th | Gene Regulation |
| March 20th / 21st | Biotechnology: RFLP’s, Gel Electrophoresis, and PCR |
| March 24th / 25th | Biotechnology: Bacterial Transformation and Implications of Biotech (ex: insulin production, cloning, etc.) |
| March 26th / 27th | PGLO (bacterial transformation lab) – Day 1 |
| March 28th / 31st | PGLO (bacterial transformation lab) – Day 2  Unit 10 Must-Knows |
| April 1st / 2nd | Unit 10 Test  Gene Regulation and Biotechnology Practice Long Response Question and / or Calculations Grid-Ins |

**Unit 11: Organism Form and Function**

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| --- | --- |
| **Date** | **Topic** |
| April 3rd / 4th | Developmental Biology |
| April 7th / 8th | Immune System – Day 1 |
| April 9th / 10th | Immune System – Day 2 |
| April 11th / 14th | Unit 11 Must Knows |
| April 15th / 16th | Unit 11 Test – Take Home (during spring break) |

**Unit 12: Ecology and AP Test Review**

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| **Date** | **Topic** |
| April 17th / 18th | Population Ecology (including population growth calculations) |
| April 21st / 22nd | Community Ecology and AP Test Review |
| April 23rd / 24th | Ecosystem Ecology and AP Test Review |
| April 25th / 28th | Unit 12 Must-Knows and AP Test Review |
| April 29th / 30th | Unit 12 Test  Ecology Practice Long Response Question and / or Calculations Grid-Ins |
| May 1st / 2nd | AP Test Review |
| May 5th / 6th | AP Test Review |
| May 7th / 8th | AP Test Review |
| May 9th | AP Test Review |
| May 12th | AP Biology Exam – 8 AM (morning session) |